(1) Program Title: Flood Control Facility Operation and Maintenance

(2) Division/Section: Tunnel Maintenance

(3) Program Element:

(a) TPDES

1. Storm Water Controls & Collection System Operations
2. Illicit Discharge/ Improper Disposal

(b) NFIP

(4) Statement of Purpose:

This activity is a requirement of the TPDES permit. The Permit's Storm Water Management Program Requirement (1) states that the municipal separate storm sewer system and any storm water structural controls shall be operated in a manner to reduce the discharge of pollutants to the maximum extent practicable and (6) states that non-storm water discharges to the municipal storm sewer system shall be effectively prohibited and the permittee shall ensure the implementation of a program to reduce the discharge of floatables (i.e. litter).

Maintain the operation readiness of the infrastructure and associated equipment of two flood control tunnels, four dams, and the Pearsall Landfill Lift station.

(5) Description of Actions (Statement of Services):

The San Antonio River Tunnel is monitored and set to different modes depending on the needs of the City. Operators monitor the system to ensure that proper settings are maintained. The San Antonio River and San Pedro River tunnel facilities consist of numerous mechanical parts that must be exercised and maintained on a daily basis. This includes testing of the emergency generators, oiling moving mechanical parts of the equipment, providing recommended maintenance to the various pumps associated with the system.

The gates at the City's 4 dams must be kept operational to ensure proper operations if necessary during a flood event and the dam structures must be maintained to ensure structural integrity. The four City owned dams are: Olmos, Woodlawn, Elmendorf and Espada. The lift station located near the Pearsall Rd. Landfill is inspected monthly and necessary maintenance is performed pump and electrical system.